



We stayed in a big white building that looked like a ship. It even had balconies like decks. The building was called a holiday hotel and a lot of boys and girls were staying there with their parents.

From our window I could see the sea it was really close and deep, deep blue. We ran down to the beach. And there... Oh, it was so interesting! Kids sat right by the water's edge and built towers, castles and skyscrapers out of sand. One girl came over to me and asked: "Would you like to build with us?" I said "Yes.". The kids made room for me and I started to build, too-a spaceport and a rocket glider. They came out great!

The girl said her name was Inga and that she was from Jurmala. There was a boy, too, Mamat from the city of Alma Ata. They don't have a sea there but they do have gardens and apples. Mamat invited us all to come visit him. And Kolia told us that he lives by a sea, only not by a blue sea: by the White Sea. It's so cold that only seals swim in it. Kolia's Dad is the captain of an icebreaker and Kolia wants to become a captain, too.

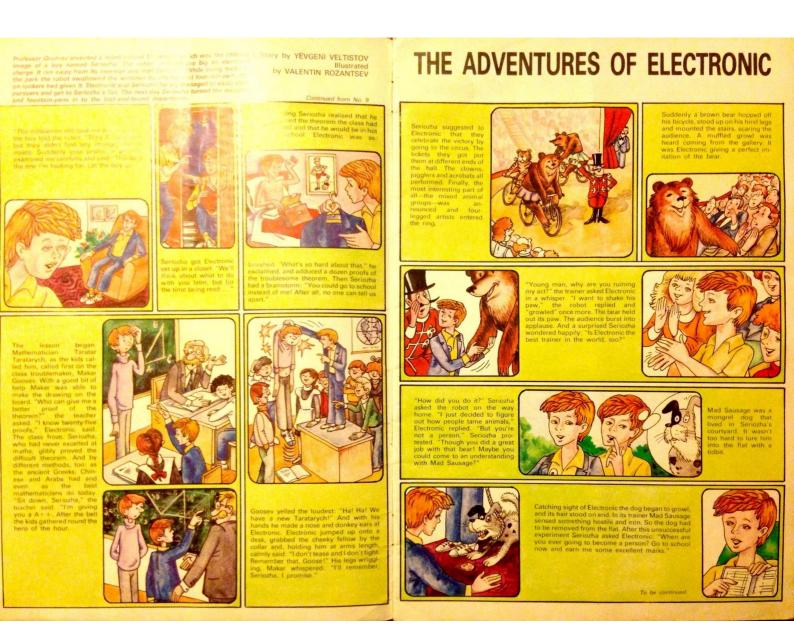
We kids swam a lot, played "he", rode the waves, went on boat trips, ate a lot of yummy ice cream and whipped cream.

But our parents' holidays ended and we had to leave. Later in the train Mum said: "It was just like in the fairy-tale, except we didn't meet the golden fish." That's when I remembered it. I started to feel really bad that I hadn't seen the golden fish.

"But the golden fish probably saw us," Dad said, patting me, "saw us and made sure that the sun was bright and the sea was warm and that you made lots of good friends.

And I said: "Thank you, Golden Fish from Jurmala, we'll be back."

MISHA, 1986







VITALY KORZHIKOV

In the autumn, at the time when the roads were at their most impassable, Sasha, a pilot, was asked to deliver mail, provisions and a young horse named Dubok to the distant taiga river

horse named Dubok to the distant taiga river Lada.

Delivering provisions and mail are all in a day's work for Sasha. But taking horses up in a dight plane is a very dangerous business. If the horse becomes frightened in mid-air it can break up a plane with a few blows from its hooves. But the only way to get to the thickest part of the forest, beyond the mountains and the swamps, is by plane. And without a good horse in this kind of weather a geologist just would not get along.

the swamps, is by plane. And without a good horse in this kind of weather a geologist just would not get along.

That is why taking horses to the Lada was nothing new to Sasha.

As usual, Sasha got a handful of lump sugar at the cafeteria and went to the plane where the brown, sinewy horse was already standing. At first Dubok timidly cast sideways glances at the ramp and resisted being led up it. The geologist, who pulled at the end of its bridle, only swore at the horse in vain.

But when Sasha put a lump of sugar under Dubok's muzzle the horse stretched out its lips, and already for the second piece it walked up the ramp towards the door.

Sasha got behind the controls and looked around. The most dangerous part lay ahead. The plane sped down the runway and began to gain altitude. Dubok started to quiver. He cast his eyes from side to side and his pupils grew large and dark with fear. Although he could not see it, he sensed that an abyss was opening up beneath his legs. But the horse behaved well. Soon this was like any other flight. A village flashed by below. A group of boys waved at the familiar plane. Finally, a crimson forest blazed up below and there, in the middle, glittered a little river—the Lada.

Soon to the right of it appeared the geologists' hut and a small landing strip.

"Well, that's that. Looks like the worst is

CLOSE CALL OVER THE TAIGA

over," said Sasha. He landed the plane and led the shaking Dubok out into the clearing. Then he helped the geologists unload the provisions, turned their newspapers and letters over to them, gave the horse another lump of sugar in parting and began to get ready for the return trip. Suddenly two hunters ran into the clearing, the well-known trapper Fomich and his partner. They carried an enormous sack in their arms.

his partner. They carried an enformous sack in their arms.

"Whew, barely made it!" Fomich said, panting, and then added: "Please take me with you, back to town, Sasha.

"With the anima!" Sasha asked.

"A lynx! Just bagged it today," Fomich boasted as he shook the pine needles out of his heard.

beard.

Sasha was wary: a lynx would be some passenger! But Fomich reassured him: "She's quiet now. I didn't have time to build a cage, but she's bound with straps. And I have something else, just in case." He shrugged the

shoulder from which an old double-barrelled shotgun hung.
"Well, all right," said Sasha.
Fomich dragged the sack into the plane, and, unslinging his gun, opened it. A spotted head, grey tufts sprouting from its ears, looked out.

out.
"A fine beast," Sasha said and got behind

"A fine beast," Sasha said and got behind the controls.
Light clouds floated towards the plane. Far off, blue bands of rain stretched down from dark stormclouds. Now and again between the plane and the ground flocks of birds flew southwards over the autumnal forest.
Fornich smoked and, clutching the gun between his legs, sighed. How lovely it was!
The motor purred. Calm lay over everything.
"You should keep an eye on that sack!"
Sasha yelled, but the hunter just dismissed his advice with a wave of his hand: everything was fine, the lynx wasn't going anywhere.
And, nodding, he again admired the autumn scenery.

And, nodding, ne again us.....
"Beautiful!" Sasha nodded in agreement.
Suddenly he looked around, as if sensing
that something was amiss. And at that moment
two green eyes flashed at him.
The lynx was preparing to spring."The
lynx!" Sasha shouted to Fornich.
The hunter lost his head for a second, but
then raised his gun and was about to press the
trigger when over the noise of the motor he then raised his gun and was about to press the trigger when over the noise of the motor he heard Sasha yell, "Hold on" and grabbed the door; the plane shot upwards. The lynx hung suspended in the air for a moment and then tumbled backwards. Fomich lost his grip and toppled after the cat, dropping his gun. "It'll tear him apart," thought Sasha, and just as quickly threw the plane into a dive. He recalled how horses freeze in terror when a plane drops into an air pocket.

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The lynx was pressed up against the side of the plane. Fomich lay alongside her. He held on to the beast's back with one hand and with the other he fumbled for his gun.

"Too bad if we had to shoot it," Sasha

thought. "Such a beautiful beast!" And he

thought. "Such a beautiful beast!" And he turned the plane on its side. Animal and hunter tumbled to the right. Right, left, right, left... Sasha glanced back. The lynx looked towards the cabin, at him. But now its eyes did not burn. They had become dull and were slowly closing.

"Aha, you're being rocked to sleep, my little passenger," he thought and once again began to turn the plane from side to side. He was already flying over the village where the boys he knew lived. They thought the pilot was dipping the wings so energetically for them and they ran after him for a long time.

But Sasha didn't notice them. His thoughts were entirely on getting to the airport as soon as possible. The plane shuddered and Sasha worried that maybe the old girl wouldn't withstand all this shaking.

The radio operator felt poorly and leaned back in his seat. Fomich lay beside the lynx and held onto its head. Now he saw neither the taiga, nor the ground, nor the approaching airfield.

"All right, we're almost there," Sasha said to himself.

'All right, we're almost there." Sasha said to

himself.

At last the plane touched the ground, bounced a few times and came to a stop. Sasha got out of his seat and looked around: the lynx was sprawled as though its spotted pelt was all that was left of it. On top lay Fomich, shaking his head. Swaying slightly Sasha picked up a belt, helped the hunter bind the predator's paws and said: "A fine beast. And most importantly, it's alive!"

Then he picked up the gun, extracted the unused cartridges from the barrels, tossed them in the air and then handed them to the moaning Fomich.

by VICTOR SKRYLEV





BLE'S PROFESSION

own soap bubbles at right? into half a glass of

e glycerine. Then you until it frothed

water, action as the glycerine. Then you stirred the water until it frothed, got a straw—and beautiful, iridescent bubbles floated through the air.

When a person is pompous but stupid people sometimes say he's "as puffed up as a soap bubble". Which is to say that on the outside he's pompous and hand-some but, there's pompous and hand-some but, there's nothing lightly. some but there's nothing inside.
Is there really nothing inside a bubble?

What about the air you used to blow it?
That super fine film of soapy water surrounds a ball of air.
Bubbles, bubbles... When there are a

lot of them they are called foam or suds. The very same suds that seem to appear out of nowhere when you wash your hands. By the way, here's a little secret to keep in mind-the better a lather you work up with your soap the cleaner your hands will be

But what if the film between the bubbles is made of something other than soapy water? Say, of milk, ice cream and fruit syrup? Then that foam, made in a mixer, is a yummy milk shake. Foam does not last long. The bubbles

gradually burst, the air that was inside them escapes and the foam settles. But man has learned how to make hard foam. For example, he took mortar, whipped it, let it harden and he had foam concrete, a construction material that can be used just about everywhere. It can everything ordinary concrete does, but weighs less.

If air bubbles are surrounded by a film

born-foam rubber. It is precisely onehundred times lighter than ordinary cast plastic because foam rubber largely consists of air. For this reason foam rubber is practically unsinkable and is used to make light boats and buoys. And how many shipwreaked people have saved thanks to life vests made of foam rubber!

The air bubbles hidden in foam rubber are wonderfully elastic. Even the most fragile instruments can withstand bumps and jolts when packed in foam rubber. And not long ago Finnish scientists used foam rubber to make—beehives! The bees were immediately pleased with their new homes. In winter these hives are warm while in summer they protect the insects from the intense heat. What is more, bees that live in foam rubber hives

get sick less often.

Take a look and see how many kinds of "foam" there are around you! We jackets filled with a foam called porolon. The pillows on our easy chairs and couches are made of porolon, too. If a fire occurs we can put it out with the help of the foam in fire extinguishers. We even eat foam!

Take, for example, two egg whites and beat them. Add half a glass of sugar and beat again. Now you have a stiff white foam. Place it in mounds on a baking sheet and bake for twenty minutes. What did you get? That's right—meringue!

OLEG NAZAROV Illustrated by ANATOLY DUBOVIK





HOW? WHY? WHAT FOR?

Two walrus life guards will soon appear on the beaches of Copacabana in Brazil. The animals are now learning to take lifesavers to drowning lifesavers to drowning people and nudge them towards the shore. Wal-ruses have great endur-ance and can swim 40 kilometres an hour.



An English inventor, An thony Howarth, has de-signed and built a wooden automobile. This unusual vehicle successfully covered a distance of 30,000 kilometres, travelling from the Polar Circle to the equator.



Makoto Osaki from Japan is only slightly over one-year-old but he has already made it to the top of Mt. Island in the Himalayas. The brave little rock climber ascended the peak on his father's back



If you were to take the amount of thread a spider would have to produce to encircle the globe at the equator the skein would only weigh a little over 300

A Tapk folk to a situsfrate. by 1EVON KHACHATRIA



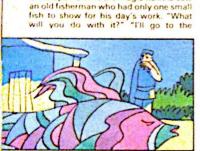
market, sell it and buy some bread." The bird felt sorry for the old man and said: "Go home. You'll never be hungry again."



"I have gone blind," the ruler said. "But if I can wash my eyes with Kakhka's blood I will see again. Catch the bird and half the state is yours."



The old man agreed to do it. He hid the ruler's servants under the tree on which Kakhka alighted. And next to it he set out various delicacies. At midnight the fisherman said to the bird. "Please come down. I've prepared everything with my own hands. After all, I haven't once thanked you for what you've done."



Once upon a time the magic Kakhka saw

When darkness fell Kakhka came to the old man's home and left an enormous fish. And did so every night thereafter. The fisherman grew rich. One day when



he was at the bazaar he heard the town crier say: "Whoever finds Kakhka will receive half the state."



Kakhka flew down onto the carpet. The old man grabbed the bird by the legs. But then something unexpected happened—it flapped its powerful wings and took off.



But the magic bird rose higher and higher. The old man became afraid, let go and fell, taking all the servants with him...



Overjoyed, the old man jumped up from the place where he was sitting. And then sat down again after all, you couldn't betray the one who had saved you from



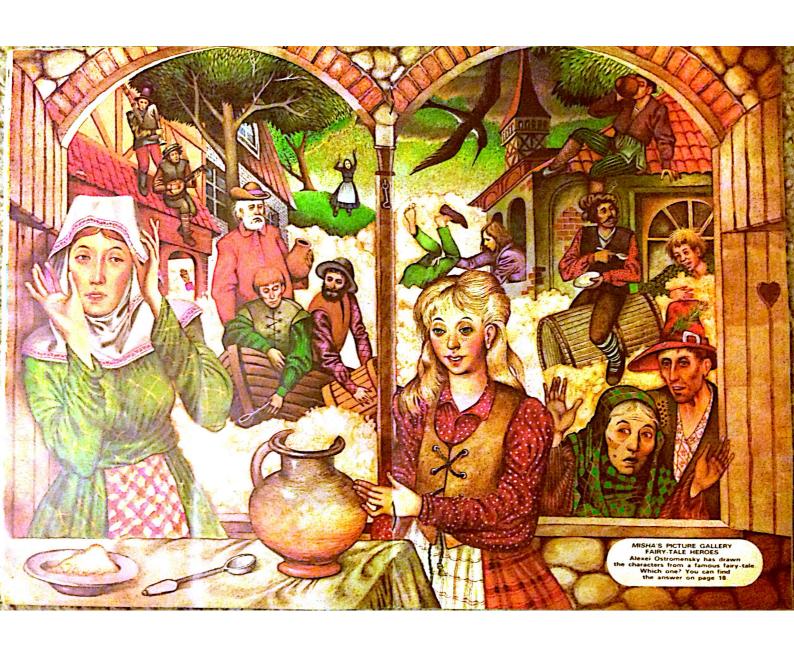
starving. But the town oner had already spotted the fisherman and took him to the ruler, saying: "This man knows something about the magic bird."



One servant grabbed onto the old man's legs and a second grabbed onto his... Soon a long chain of people hung in the air.

13







"Once upon a time there was a little girl. One day the girl went off to the forest to gather wild strawberries and there she met an old woman"—so begins "The Magic Pot That Cooked Sweet Porridge", a fairy-tale by the Grimm brothers. The little girl offered the old woman some strawberries and was given a magic pot in return. One only had to say "Little pot, boil!" and it would cook as much sweet porridge as you wanted. And on the cue "Little pot, stop!" it would immediately stop cooking. The girl thanked the old woman, took the little pot and went home. After that the mother and daughter lived in plenty and there was always food on the table.

On the table.

One day when girl was out visiting some of her friends the mother asked the pot to boil. But she couldn't remember the magic words for making the pot stop. And so the porridge filled the whole room, spread from the room onto the porch and then out into the street. And still the pot went on cooking more porridge. The little girl noticed the porridge-flooded streets and rushed back home. There she pushed her way onto the port, stop!" And the pot stopped. True, it had cooked so much already that people had to eat their way through porridge. But no one complained since it was so street.





In this year's February issue of Misha you learned to make paper cut-outs. Katia Gribacheva did more than just make a baby elephant; she made up a story about it:

THE LITTLE ELEPHANT'S HOLIDAYS

When the Elephant's school broke up for the summer he set off for his native India to try and find himself a friend there. The first thing he did when he got there was to look up his mummy and daddy; then he put a brand-new cloth on his back and went for a stroll in the jungle. There he came across a small village where he met a little Indian girl. They became good friends. And when it was time to leave the girl said, "Come back soon."



"Blacksmith". Agnes Sata, Hungary







But Mummy thought he was still a tiny baby. She spoon-fed him, led him by the hand and dressed him in the morning.

One day Petia woke up in his little bed and Mummy began dressing him.

Having finished, she stood him up by the bed. But Petia dropped down on the floor. Mummy thought he was just being

Mummy thought he was just being naughty and stood him up once more. But he fell down again.

Mummy was surprised and stood him up for a third time. And again down the child went.

Then Mummy got frightened and rang up Daddy at his office.

She said to Daddy:

"Come home soon. There's something the matter with our little boy. He can't stand up."

So Daddy came home and said:

"Rubbish. Our little boy knows perfectly well how to walk and run."

And he stood the boy up on the carpet. The boy was about to make for his toys but down he plopped again—for the fourth time now.

Daddy said:

"We must call the doctor at once. Our boy must be ill."

So they called in the doctor.

The doctor arrived, wearing spectacles and a stethoscope.

The doctor said to Petia:

"What's the meaning of this? Why do you keep falling down?"

Petia replied:

"Beats me, I just can't seem to stand up

The doctor turned to Mummy and said: "Undress the child, please, I'd like to

So Mummy undressed Petia and the doctor listened to his chest.

He listened through his stethoscope and said:

"The child is perfectly healthy. I can't imagine why he should be falling down all the time. Dress him again and stand him up on his feet."

Mummy quickly dressed the boy and stood him up on the floor. And the doctor put on his spectacles to get a better look at the boy falling down.

As soon as they stood the boy on his feet, down he went.

SILLY STORY

The doctor utterly bewildered, said:
"You'd better call in a professor of medicine. Perhaps he can tell you why this"

child keeps falling."

So while Daddy went off to call a professor in came Petia's friend, little Kolia. Kolia looked at Petia and said laughing:

"I know why Petia is falling down all the time."

The doctor said:

"Will you get a load of that! This tiny tot knows better than I why it is that children fall down."

Kolia said:

"Just look at Petia's clothes. One trouser leg is dangling empty and both his legs are stuffed into the other one. That's why he keeps falling down."

Everyone oh-ed and ah-ed.

Petia said:

"It is Mummy, she is always dressing

The doctor said:

"Forget the professor of medicine. We know why the child is falling down."

Mummy said:

"In the morning I was in a rush to get his porridge ready, and just now I was too upset. Which explains why his trousers are on wrong.

Kolia said:

"I always get dressed myself, so no silly mix-ups like that can ever happen to me. Grown-ups always mess up."

Petia said:

"From now I'll dress myself."

And everyone laughed. Even the doctor. Then he said good-bye to everybody and went about his business.

Daddy went back to work. Mummy went into the kitchen. And Kolia and Petia, left in the bedroom, started playing with toys.

And the next day Petia put on his trousers himself and that was the end of silly mix-ups for him.

Drawing by VLADIMIR MOCHALOV



CHILDREN AND PARENTS

A three-year-old Vasia examined his hand meditatively and said:

"This finger's first name must be Little and his Surname must be Finger."

Ira took a long time washing her face. Finally she emerged from the bathroom and declared:

"Look everybody, I've spring-cleaned my face!"



Seriozha marvelled boiling milk: "Look the milk is growing up!"

Tamara came home after a walk.
"Dear, oh dear," her mother groaned.
"You must have brought home all the mud
in the street!"

"Oh, no, mummy. There's plenty left where that came from!"

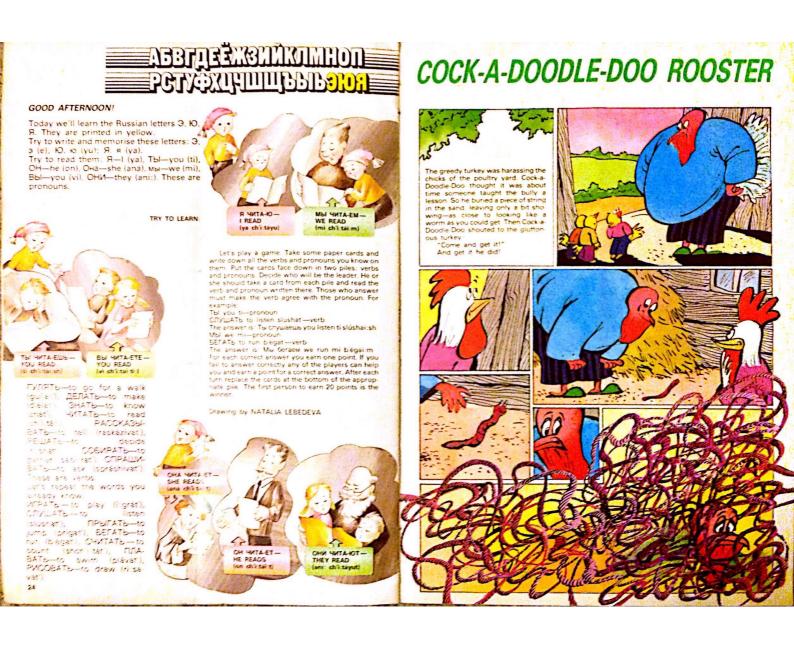
"I've got a terry sweater," said Lena.
"Funny it wasn't terry before my kitty got hold of it!"

Father was playing with Oleg, tossing him

high up into the air.
"Oh, Daddy, not so high please, I don't want to fall on the sky.

Prepared by IRINA YEFIMOVA and BORIS SULIMOV

23





One day a Fairy godmother sat in a park lost in dreams. When she got up to go she forgot to take her magic wand from the

The old lady arrived home, had a cup of coffee and was just about to conjure up a piece of cake when she realised she didn't have her wand. Had she had her wand the enchantress would have waved it in the air and found herself in the park in a jiffy. Now the Fairy had to get up and walk. And she was horribly old and walked ever so slowly, so by the time she got to the park the wand was no longer on the bench. The Fairy grieved for a while and then went to a newspaper office. There she handed in a notice

LOST: A MAGIC WAND, ANYONE FINDING IT IS REQUESTED TO RETURN IT.

The editor took one look at the text and exclaimed:

You must be kidding! in our day and age?

refused to print

The Fally set off for her way she met 131.87 in a hat who kept at his watch. one the Fairy too and a ter wrist, at the mes wear for a watch). The figure on the meter thing unusual happens.

The old lady remembered perfectly well that when the wand got lost the reading on the meter was "198 miracles". She remembered regretting hav ing lost an almost new

wand. After all, a magic wand has a 500-miracle capacity, and if you replace the batteries it's good for another 200.

"208 miracles". That meant that someone had found the wand and was waving it like mad The meter ticked on miracles right before her very eyes-209. 210.

The Fairy clutched her head. This could be disastrous! In clumsy hands the wand behaved like a wilful wild pony.

At home the Fairy hurried to the closet and got out an ancient magic bicycle which she had nearly forgotten was there. It had one very big wheel and one small one. Both wheel



spotted miracles wherever they occurred and sent the bicycle heading that way. The Fairy started pedalling for all she was worth. Soon she ran into a crowd of excited people waving

"Did you ever? Well, I never!" all of them were saying at once. "A tram came rushing by, suddenly stopped and flipped around just like that!"

The Fairy saw that it must be the wand's doing. And she pedalled on.

The meter ticked away, miracle after miracle. The city fountain all of a sudden started spouting Fanta instead of water. True, it only lasted some 20 minutes but all the children in the neighbourhood managed to drink their fill!

Evening set in. The Fairy glanced at her wrist. The meter read 225. The Fairy went home.

Come morning, she was on her bicycle again. But try as she could she always arrived moments late at the

spot where the miracle had occurred. She noted, however, that all the miracles happened in the same area. So she decided to go round to the houses there and inquire if there had been anything unusual happening to anyone. In one yard she heard of the extraordinary luck Kuzin of No. 3 had had: "A mere lad and already a cycling champion." A mere lad—a champion! The Fairy even hopped on one foot with joy. Surely, that was a miracle! "You call that miracle! "You call that luck!" another boy re-torted. "Kuzin spends 24 hours a day training!"

And the Fairy knew that she had made a mistake. After walking on for a which she suddenly realised she had arrived at the park where she'd lost her wand. A little girl stood by the familiar bench, holding the magic wand and was wishing that the chestnut trees grew grapes. And instantly the trees were draped with the fruit. But five minutes later the grapes started dropping on to the walk. For, of course, they couldn't live on chest-

"What's this now?!" the girl stamped her foot. She waved the wand and the grapes flew up obediently. But in another five minutes they all fell down to the ground like hailstones.

Nastia wanted to wave the wand some more but the Fairy stopped her.

"It won't work that "Why not?"

"Grapes won't grow on chestnut trees. It's un-

"Well then, let it be cher-

ries. I like cherries, too."
"Nor cherries. Would "Nor cherries. you like me to teach you to

use the wand?"
"No!" yelled the girl and raised the wand high.

Obviously she had something evil in mind.
"Stop! This may be dangerous," cried the

"Ha!" cried Nastia, "I'll simply run away and you'll never catch me. Now I'll wish something for my-self." And she cried out, "Let there be a little donkey."

At once there popped up a little donkey by the bench. Only there was no one to ride it, for it was the girl herself that had been turned into the donkey And perhaps she would still be one but for the Fairy who, luckily, was there all the time. She picked up the abandoned wand and waved it and Nastia galloped home. Again as a little girl, of course.

It takes some skill to use a magic wand. Remember that if you ever come across one.

GEORGI POCHEPTSOV Drawings by YEKATERINA ROZANTSEVA and ALEXANDER PASHKOV

